Mohammad M Aboulwafa

List of Publications by Year
in descending order

64	1,019	516710 16	454955 30
papers	citations	h-index	g-index

67	67	67	1404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of Surfactin Produced by Bacillus subtilis Isolate BS5. Applied Biochemistry and Biotechnology, 2008, 150, 289-303.	2.9	129
2	Optimization of Surfactin Production by Bacillus subtilis Isolate BS5. Applied Biochemistry and Biotechnology, 2008, 150, 305-325.	2.9	127
3	Characterization of Rhamnolipid Produced by Pseudomonas aeruginosa Isolate Bs20. Applied Biochemistry and Biotechnology, 2009, 157, 329-345.	2.9	108
4	The Ascorbate Transporter of Escherichia coli. Journal of Bacteriology, 2003, 185, 2243-2250.	2.2	73
5	Antagonistic Activity ofLactobacillusIsolates againstSalmonella typhi In Vitro. BioMed Research International, 2013, 2013, 1-12.	1.9	39
6	Prevalence and pathologic effects of colibactin and cytotoxic necrotizing factor-1 (Cnf 1) in Escherichia coli: experimental and bioinformatics analyses. Gut Pathogens, 2019, 11, 22.	3.4	33
7	Rhamnolipid production by a gamma ray-induced Pseudomonas aeruginosa mutant under solid state fermentation. AMB Express, 2019, 9, 7.	3.0	28
8	Prevalence of MDR pathogens of bacterial meningitis in Egypt and new synergistic antibiotic combinations. PLoS ONE, 2017, 12, e0171349.	2.5	26
9	Biofilm formation by Streptococcus mutans and its inhibition by green tea extracts. AMB Express, 2021, 11, 73.	3.0	26
10	Characterization and Complete Sequence of Lactonase Enzyme fromBacillus weihenstephanensisIsolate P65 with Potential Activity against Acyl Homoserine Lactone Signal Molecules. BioMed Research International, 2013, 2013, 1-10.	1.9	24
11	Regulation of <i>crp</i> Gene Expression by the Catabolite Repressor/Activator, Cra, in <i>Escherichia coli</i>. Journal of Molecular Microbiology and Biotechnology, 2014, 24, 135-141.	1.0	23
12	Experimental and bioinformatics study for production of l-asparaginase from Bacillus licheniformis: a promising enzyme for medical application. AMB Express, 2019, 9, 39.	3.0	22
13	Dependency of sugar transport and phosphorylation by the phosphoenolpyruvate-dependent phosphotransferase system on membranous phosphatidyl glycerol in Escherichia coli: Studies with a pgsA mutant lacking phosphatidyl glycerophosphate synthase. Research in Microbiology, 2002, 153, 667-677.	2.1	21
14	Optimization of Rhamnolipid Production by P. aeruginosa Isolate P6. Journal of Surfactants and Detergents, 2016, 19, 943-955.	2.1	21
15	Activity of some Mucolytics Against Bacterial Adherence to Mammalian Cells. Applied Biochemistry and Biotechnology, 2009, 158, 97-112.	2.9	20
16	Comparative study of anti-VEGF Ranibizumab and Interleukin-6 receptor antagonist Tocilizumab in Adjuvant-induced Arthritis. Toxicology and Applied Pharmacology, 2018, 356, 65-75.	2.8	19
17	Antivirulence and wound healing effects of royal jelly and garlic extract for the control of MRSA skin infections. Wound Medicine, 2016, 13, 18-27.	2.7	18
18	Structural and Physicochemical Characterization of Rhamnolipids produced by Pseudomonas aeruginosa P6. AMB Express, 2020, 10, 201.	3.0	16

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19	Optimization of bioplastic (poly–hydroxybutyrate) production by a promising Azomonas macrocytogenes bacterial isolate P173. African Journal of Microbiology Research, 2013, 7, 5025-5035.	0.4	14
20	Soluble sugar permeases of the phosphotransferase system in Escherichia coli: evidence for two physically distinct forms of the proteins in vivo. Molecular Microbiology, 2003, 48, 131-141.	2.5	13
21	Dependency of sugar transport and phosphorylation by the phosphoenolpyruvate-dependent phosphotransferase system on membranous phosphatidylethanolamine in Escherichia coli: studies with a pssA mutant lacking phosphatidylserine synthase. Archives of Microbiology, 2004, 181, 26-34.	2.2	13
22	Lipid dependencies, biogenesis and cytoplasmic micellar forms of integral membrane sugar transport proteins of the bacterial phosphotransferase system. Microbiology (United Kingdom), 2013, 159, 2213-2224.	1.8	13
23	Production, characterization and bioinformatics analysis of l-asparaginase from a new Stenotrophomonas maltophilia EMCC2297 soil isolate. AMB Express, 2020, 10, 71.	3.0	13
24	Role of different classes of mammalian cell surface molecules in adherence of coagulase positive and coagulase negative staphylococci. Journal of Basic Microbiology, 2008, 48, 353-362.	3.3	12
25	Antimicrobial, Antibiofilm and Immunomodulatory Activities of Lactobacillus rhamnosus and Lactobacillus gasseri against some Bacterial Pathogens. International Journal of Biotechnology for Wellness Industries, 2017, 6, 12-21.	0.3	12
26	Studies on the Escherichia coli glucose-specific permease, PtsG, with a point mutation in its N-terminal amphipathic leader sequence. Microbiology (United Kingdom), 2003, 149, 763-771.	1.8	11
27	Phospholipase C from Pseudomonas aeruginosa and Bacillus cereus; characterization of catalytic activity. Asian Pacific Journal of Tropical Medicine, 2014, 7, 860-866.	0.8	11
28	Inhibition of quorum sensingâ€mediated biofilm formation in Pseudomonas aeruginosa by a locally isolated Bacillus cereus. Journal of Basic Microbiology, 2015, 55, 1406-1416.	3.3	11
29	Biophysical Studies of the Membrane-Embedded and Cytoplasmic Forms of the Glucose-Specific Enzyme II of the E. coli Phosphotransferase System (PTS). PLoS ONE, 2011, 6, e24088.	2.5	10
30	Characterization of Soluble Enzyme II Complexes of the Escherichia coli Phosphotransferase System. Journal of Bacteriology, 2004, 186, 8453-8462.	2.2	9
31	OXA-48 Carbapenemase-Encoding Transferable Plasmids of Klebsiella pneumoniae Recovered from Egyptian Patients Suffering from Complicated Urinary Tract Infections. Biology, 2021, 10, 889.	2.8	9
32	Subcellular Localization and Logistics of Integral Membrane Protein Biogenesis inEscherichia coli. Journal of Molecular Microbiology and Biotechnology, 2013, 23, 24-34.	1.0	8
33	Impact of target site mutations and plasmid associated resistance genes acquisition on resistance of Acinetobacter baumannii to fluoroquinolones. Scientific Reports, 2021, 11, 20136.	3.3	8
34	Propranolol, chlorpromazine and diclofenac restore susceptibility of extensively drug-resistant (XDR)-Acinetobacter baumannii to fluoroquinolones. PLoS ONE, 2020, 15, e0238195.	2.5	7
35	Persisters of Klebsiella pneumoniae and Proteus mirabilis: A Common Phenomenon and Different Behavior Profiles. Current Microbiology, 2020, 77, 1233-1244.	2.2	7
36	Production and Characterization of Phospholipases C from some Bacillus thuringiensis Isolates Recovered from Egyptian Soil. International Journal of Biotechnology for Wellness Industries, 2016, 5, 10-24.	0.3	7

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37	Protein:Protein interactions in the cytoplasmic membrane apparently influencing sugar transport and phosphorylation activities of the e. coli phosphotransferase system. PLoS ONE, 2019, 14, e0219332.	2.5	6
38	Trastuzumab immunogenicity development in patientsâ€™ sera and in laboratory animals. BMC Immunology, 2021, 22, 15.	2.2	6
39	Characterization of the E. coli glucose permease fused to the maltoseâ€binding protein. Journal of Basic Microbiology, 2008, 48, 3-9.	3.3	5
40	Hypolipidemic activity of lactic acid bacteria: Adjunct therapy for potential probiotics. PLoS ONE, 2022, 17, e0269953.	2.5	5
41	In vitro Interconversion of the Soluble and Membrane- Integrated Forms of the Escherichia coli Glucose Enzyme II of the Phosphoenolpyruvate-Dependent Sugar-Transporting Phosphotransferase System. Journal of Molecular Microbiology and Biotechnology, 2007, 12, 263-268.	1.0	4
42	Phospholipases C from Pseudomonas aeruginosa and Bacillus cereus isolates, chromosome-mediated enzymes with roles in virulence. Turkish Journal of Biology, 2013, 37, 433-442.	0.8	4
43	Bacterial cyclomodulins: types and roles in carcinogenesis. Critical Reviews in Microbiology, 2022, 48, 42-66.	6.1	4
44	Cytotoxic activities of some Pseudomonas aeruginosa isolates: possible mechanisms and approaches for inhibition. Turkish Journal of Biology, 0, , .	0.8	4
45	â€œEffect of Subinhibitory Concentrations of Some Antibiotics and Low Doses of Gamma Radiation on the Cytotoxicity and Expression of Colibactin by an Uropathogenic Escherichia coli isolateâ€. Current Microbiology, 2021, 78, 544-557.	2.2	3
46	Evaluation of antimicrobial activity and in vitro safety of the methanolic extract of Streptomyces manipurensis soil isolate H21 for potential industrial applications. Archives of Pharmaceutical Sciences Ain Shams University, 2019, 3, 1-10.	0.1	3
47	Evaluation of lyophilized royal jelly and garlic extract emulgels using a murine model infected with methicillin-resistant Staphylococcus aureus. AMB Express, 2022, 12, 37.	3.0	3
48	Recovery and characterization of Proteus mirabilis persisters. Archives of Pharmaceutical Sciences Ain Shams University, 2018, 2, 31-36.	0.1	2
49	Evaluation and Correlation of Rabies Vaccine Potency Using the National Institute of Health, Rapid Focus Fluorescent Inhibition, and Passive Hemagglutination Tests. Viral Immunology, 2022, 35, 159-169.	1.3	2
50	Protein-Protein Interactions in the Cytoplasmic Membrane of <i>Escherichia coli</i>: Influence of the Overexpression of Diverse Transporter-Encoding Genes on the Activities of PTS Sugar Uptake Systems. Microbial Physiology, 2020, 30, 36-49.	2.4	1
51	Screening and preliminary characterization of quenching activities of soil Bacillus isolates against acyl homoserine lactones of clinically isolated Pseudomonas aeruginosa. Malaysian Journal of Microbiology, 2014, , .	0.1	1
52	An expert review on current approaches for endotoxin detection in various biological products. Archives of Pharmaceutical Sciences Ain Shams University, 2019, 3, 142-153.	0.1	1
53	Diverse origins of microbial L-asparaginases and their current miscellaneous applications. Archives of Pharmaceutical Sciences Ain Shams University, 2019, 3, 21-36.	0.1	0
54	Antimicrobial susceptibility profile, Adherence and invasion to mammalian cells of Brucellamelitensis isolates. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 2379-2390.	0.2	0

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55	Title is missing!. , 2019, 14, e0219332.		0
56	Title is missing!. , 2019, 14, e0219332.		0
57	Title is missing!. , 2019, 14, e0219332.		0
58	Title is missing!. , 2019, 14, e0219332.		0
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